

Customer No.: 31561
Docket No.: 12978-US-PA
Application No.: 10/710,420

To the Claims:

1. (currently amended) A method of reducing an SDF file size, comprising:
reading a cell description from the SDF file;
determining whether or not a state-dependent description is present in the cell description; and
removing the state-dependent descriptions in the cell description, which are ~~impossible~~ not intended to be used, by referring to a state data contained in a design description ~~[[and]]~~ associated to the cell description when it is determined that the state-dependent description is present in the cell description.
2. (previously presented) The method of reducing the SDF file size of claim 1, wherein when the state-dependent description is not present in the cell description, the cell description is kept unchanged in the SDF file.
3. (currently amended) The method of reducing the SDF file size of claim 1, wherein when the state-dependent description is present in the cell description and there is no delay data description associated to the state, which is ~~impossible~~ not intended to be used, the cell description is kept unchanged in the SDF file.

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4. (previously presented) The method of reducing the SDF file size of claim 1,
wherein the design description is a netlist.

5. (previously presented) The method for reducing the SDF file size of claim 1,
wherein the SDF file is an IEEE 1497 SDF file.